

Fig. 1

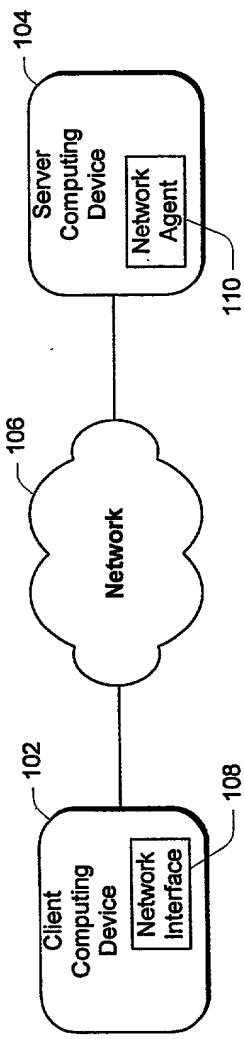


Fig. 2

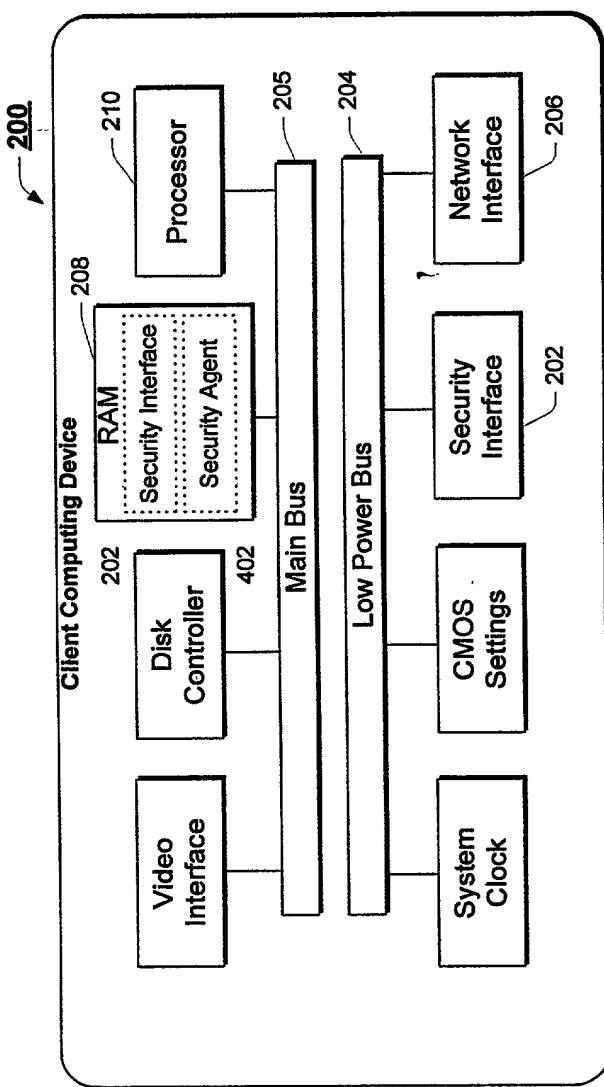
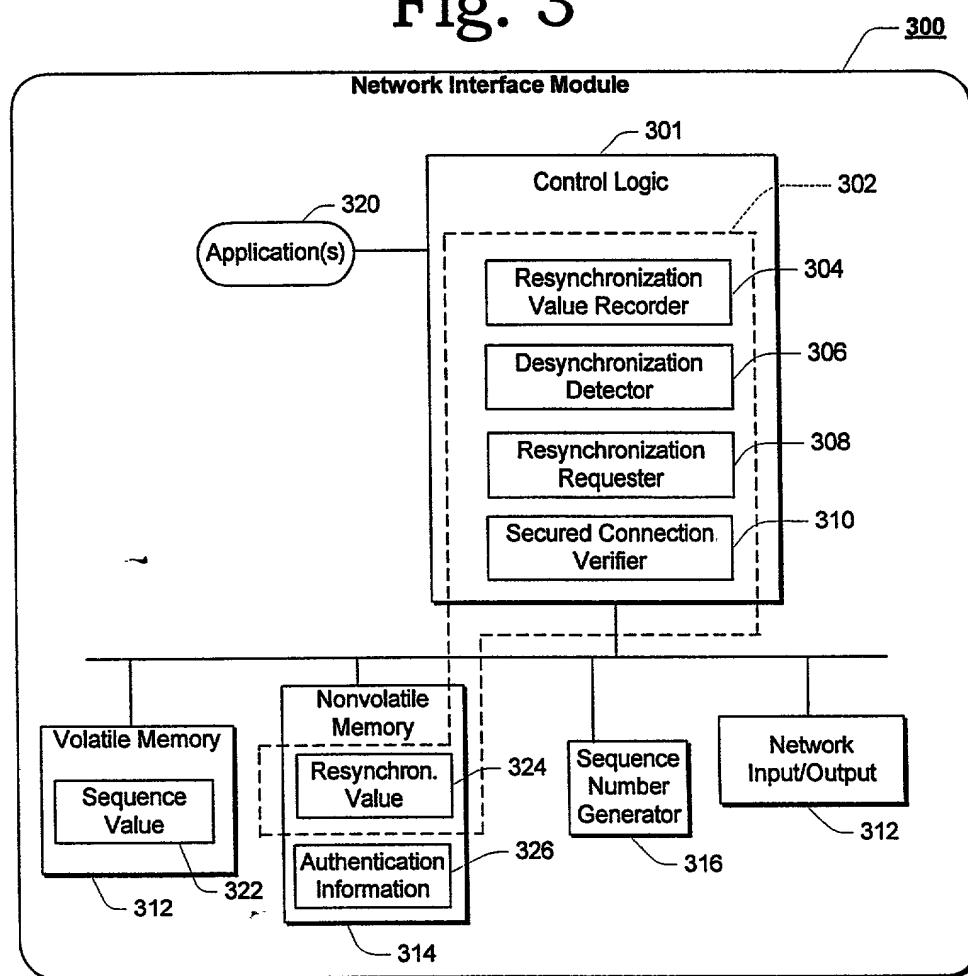


Fig. 3



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Fig. 4

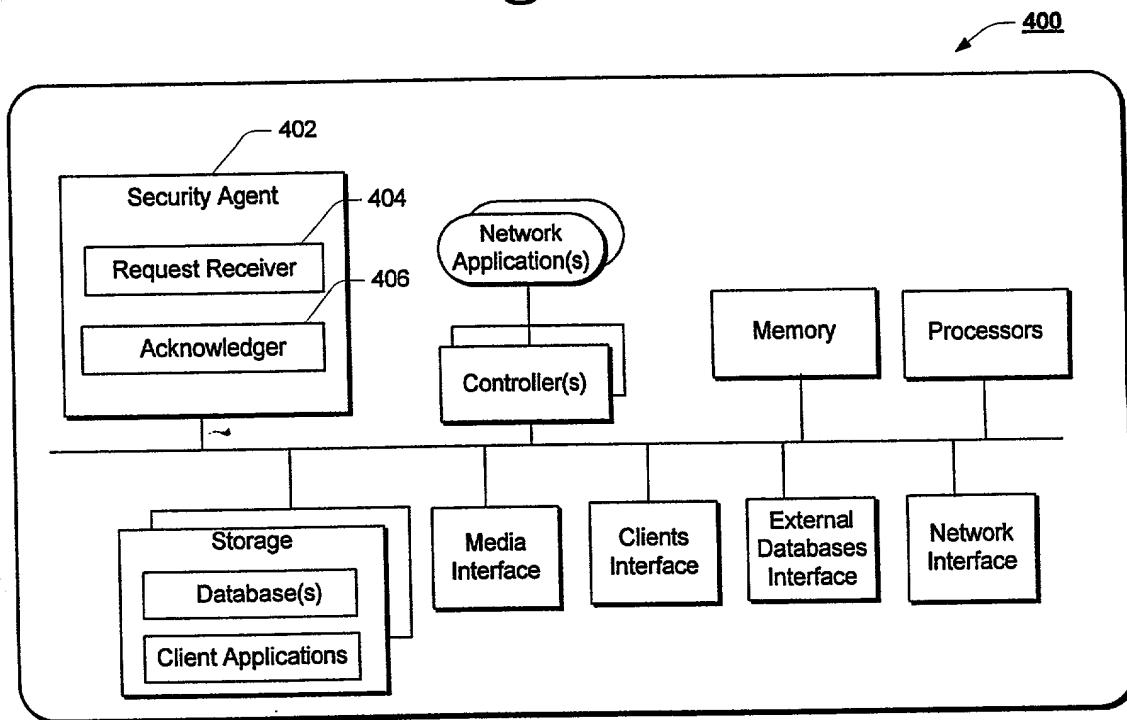
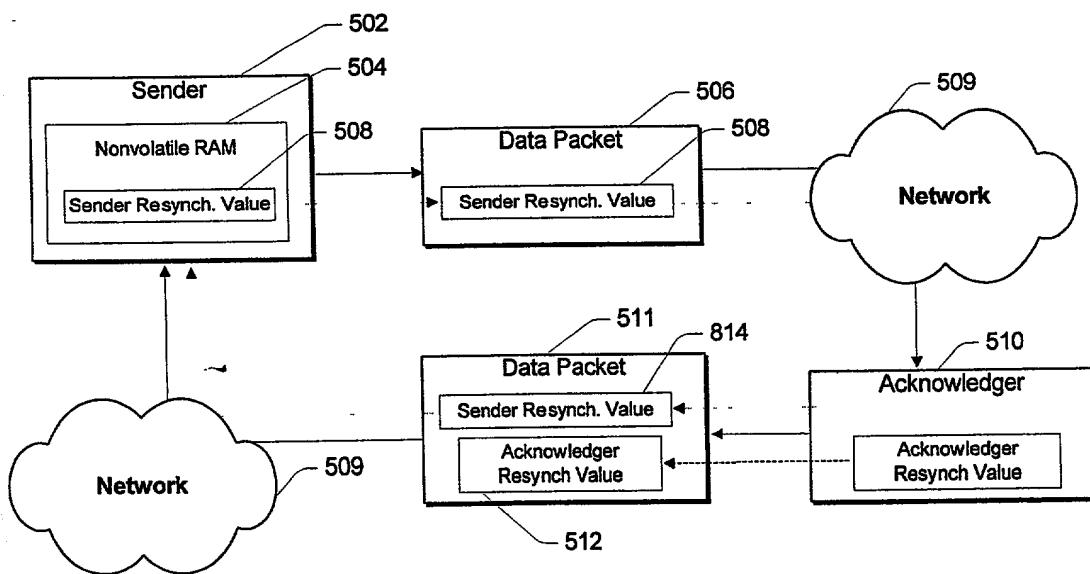


Fig. 5



TOP SECRET//SI//REL TO USA, UK, FVEY, FVEY/NOFORN

Fig. 6

	Server RAM	Data Transfer	Client Volatile RAM	Client Nonvolatile RAM
602	Server Seq. # = 10 Client Seq. # = ? Auth. Key = ?		Client Seq. # = 40 Server Seq. # = ? Auth. Key = ?	Store R = Client Seq. # + 10 = 50
604	Server Seq. # = 10 Client Seq. # = ? Auth. Key = 09F7	Initiate Secured Communication →	Client Seq. # = 40 Server Seq. # = ? Auth. Key = 09F7	R = 50 Auth. Key = 09F7
606	Server Seq. # = 10 Client Seq. # = ? Auth. Key = 09F7	REQUEST (Server Sequence # = 10) →	Client Seq. # = 40 Server Seq. # = 10 Auth. Key = 09F7	R = 50 Auth. Key = 09F7
608	Server Seq. # = 10 Client Seq. # = 40 Auth. Key = 09F7	← REPLY (Client Sequence # = 40)	Client Seq. # = 40 Server Seq. # = 10 Auth. Key = 09F7	R = 50 Auth. Key = 09F7
610	Server Seq. # = 11 Client Seq. # = 40 Auth. Key = 09F7	REQUEST (Server Sequence # = 11) →	Client Power Loss	R = 50 Auth. Key = 09F7
612	Server Seq. # = 12 Client Seq. # = 40 Auth. Key = 09F7	REQUEST (Server Sequence # = 12) →	No Secure Connection	R = 50 Auth. Key = 09F7
614	Server Seq. # = 12 Client Seq. # = 50 Auth. Key = 09F7	← SYNC REQUEST (Client Seq. # = 50)	Client Seq. # = 50 Server Seq. # = 7 Auth. Key = 09F7	← R = 50 Auth. Key = 09F7
616	Server Seq. # = 13 Client Seq. # = 50 Auth. Key = 09F7	ACKN (Serv Seq# = 13)(Client Seq# = 50) →	Client Seq. # = 50 Server Seq. # = 13 Auth. Key = 09F7	Store R = 60 Auth. Key = 09F7
618	Server Seq. # = 14 Client Seq. # = 50 Auth. Key = 09F7	REQUEST (Server Sequence # = 14) →	Client Seq. # = 50 Server Seq. # = 14 Auth. Key = 09F7	R = 60 Auth. Key = 09F7
620	Server Seq. # = 14 Client Seq. # = 51 Auth. Key = 09F7	← REPLY (Client Sequence # = 51)	Client Seq. # = 51 Server Seq. # = 14 Auth. Key = 09F7	R = 60 Auth. Key = 09F7

Fig. 7

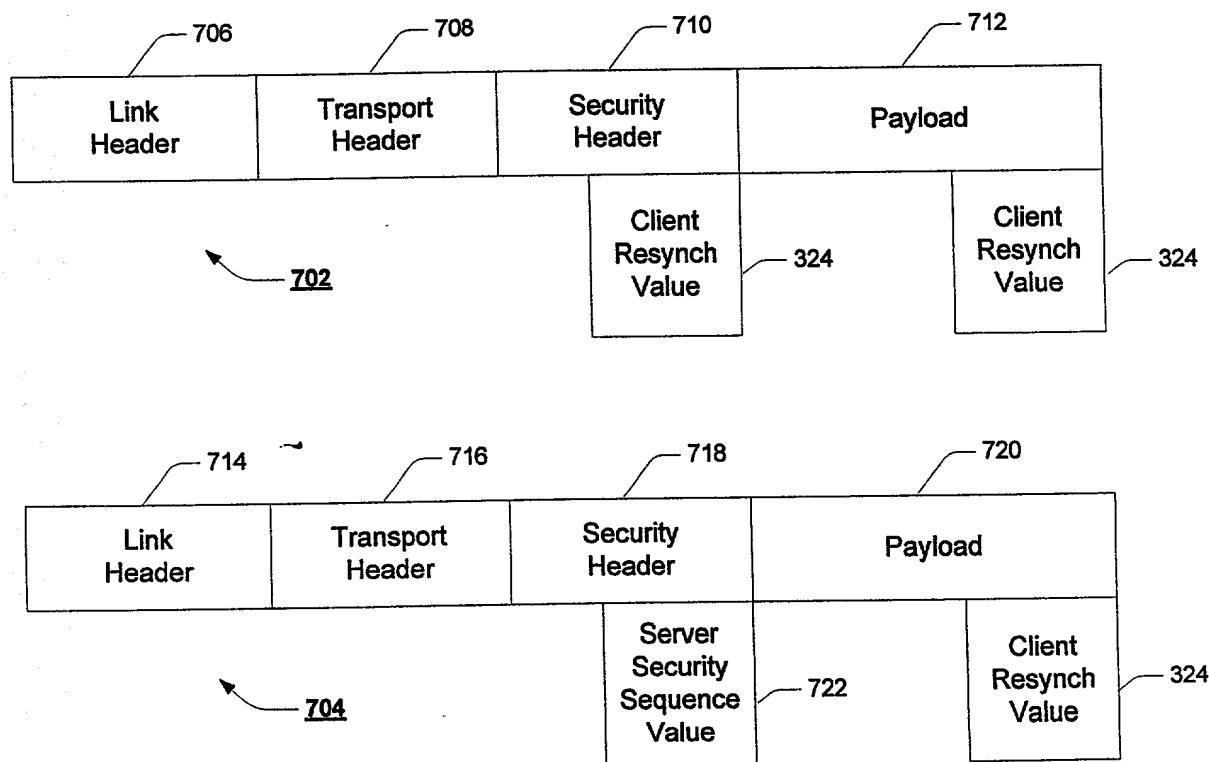
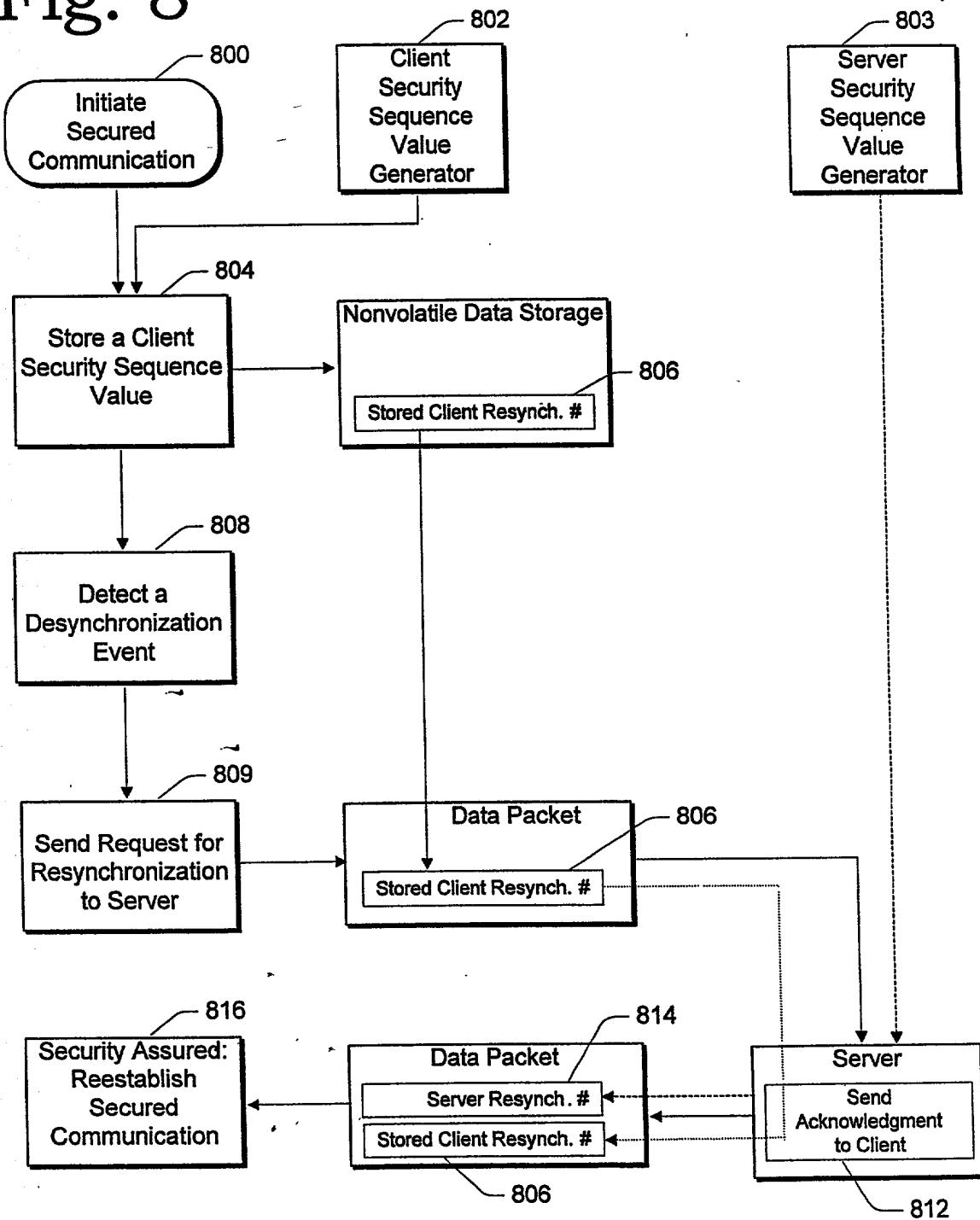


Fig. 8



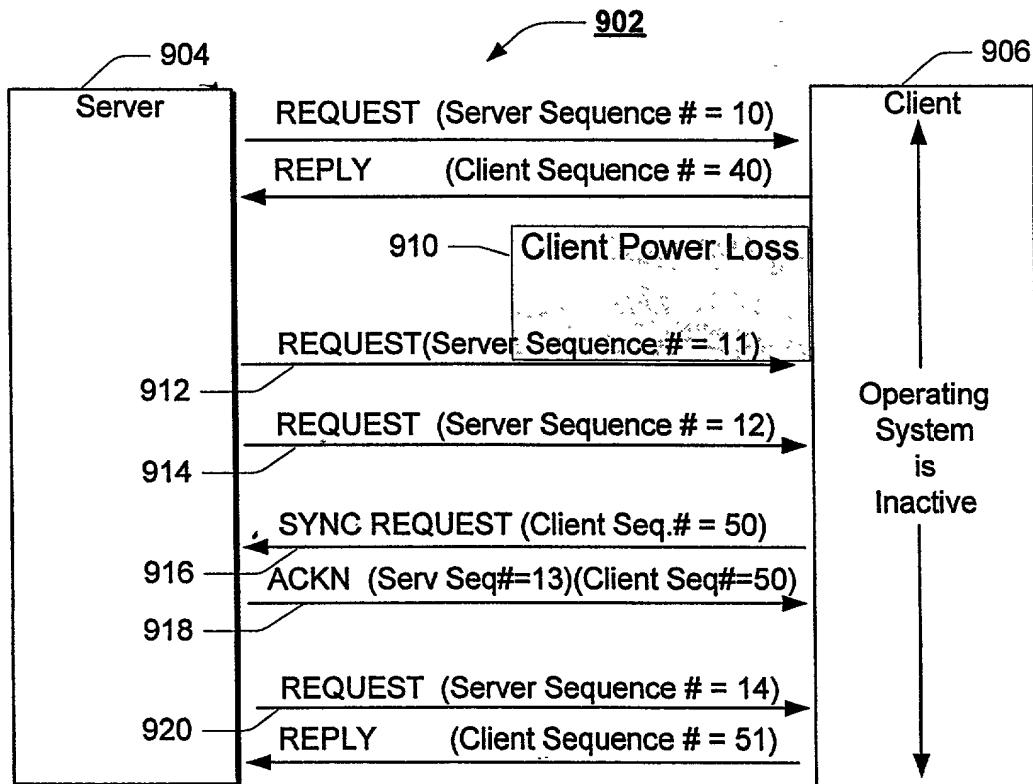
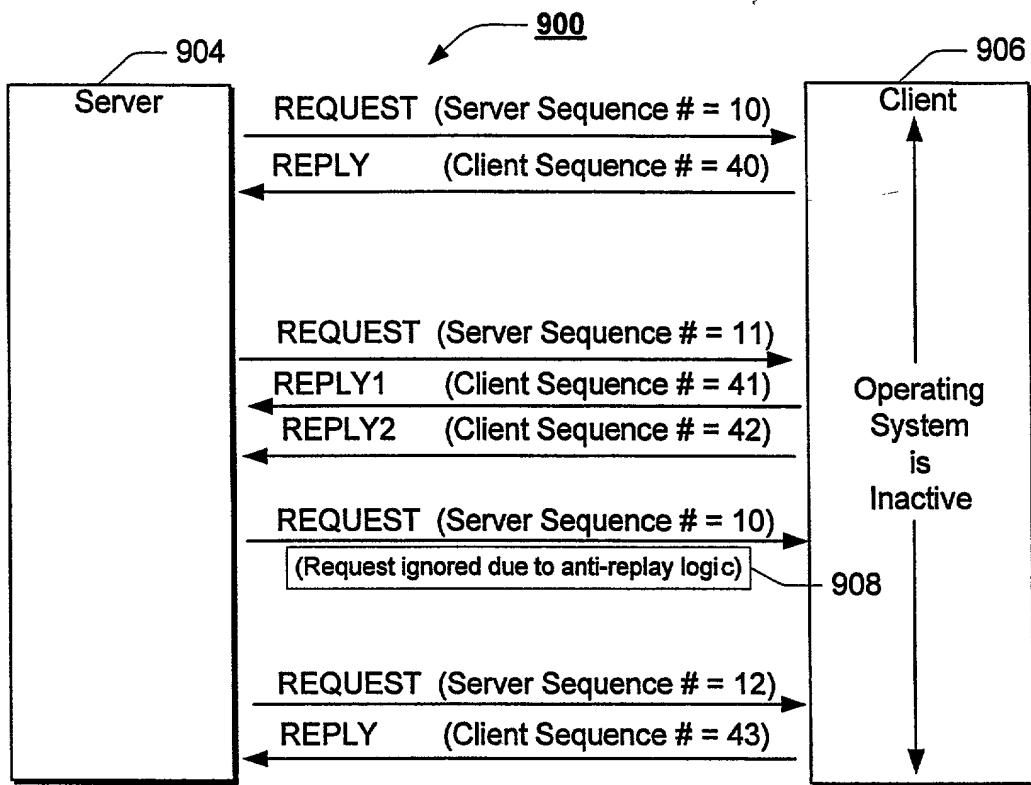


Fig. 9